

SHARE the ROAD

A GUIDE FOR BICYCLISTS AND MOTORISTS



**Pima County Department of Transportation
Brad P Gorman Memorial Bikeway Fund**

**Tucson - Pima County Bicycle Advisory Committee
City of Tucson Dept. of Transportation
Pima Association of Governments**



Tips for Sharing the Road Legally and Safely

This presentation has been prepared to illustrate how bicyclists and motorists can "Share the Road" legally and safely within Pima County.

We hope you will get a better understanding of the other person's view of the road and to learn more about cycling and driving more safely in our great region.

The more we understand each other's needs, the better we can respect and cooperate with each other on the streets.

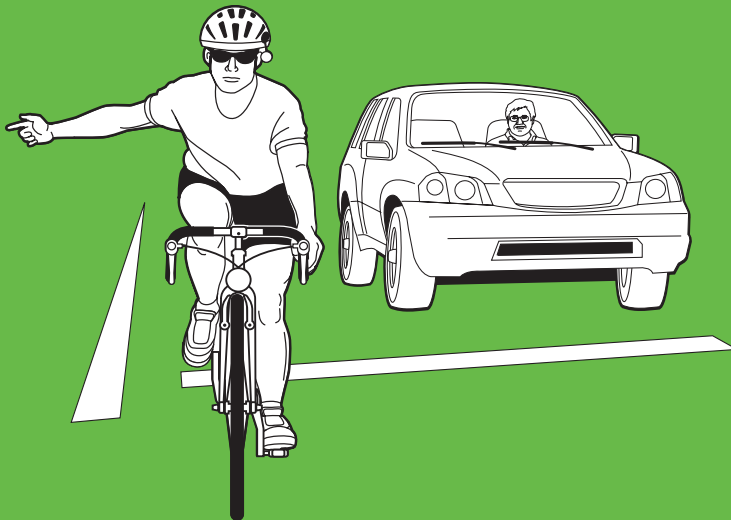


This bicyclist and motorist safety presentation has been brought to you by the Pima County Department of Transportation Bicycle and Pedestrian Program and by the Brad P. Gorman Memorial Bikeway Fund.

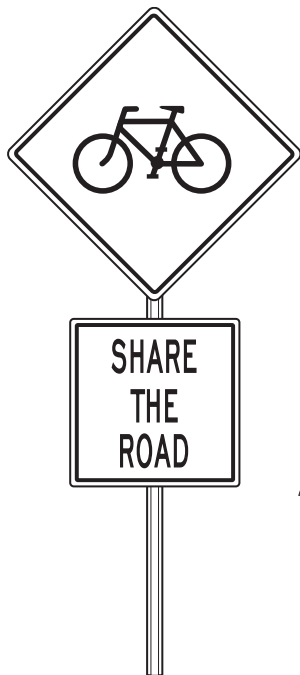
The Tucson-Pima County Bicycle Advisory Committee, The City of Tucson Department of Transportation, and The Pima Association of Governments have also provided generous support in the development of this booklet.

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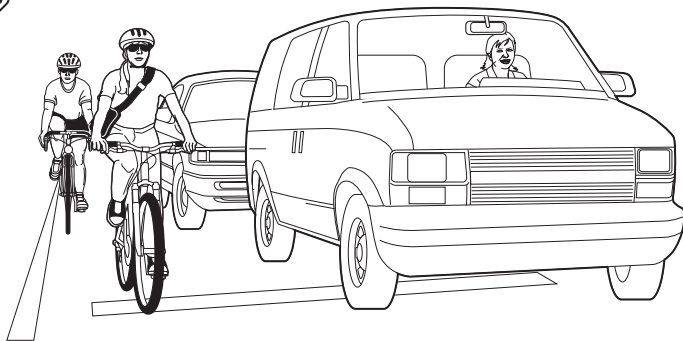
TIPS FOR BICYCLISTS



B I C Y C L I S T S



Show respect to others



Be polite and be smart. Show respect for all users of the road, and you'll get respect back as a result.

Bikes and Cars: Same roads, same rules, same rights and responsibilities.

B I C Y C L I S T S

Be visible



Wear light, bright, and (for night) reflective clothing. At night use a rear red reflector and white front headlight (A.R.S. 28-817). You should also use a red taillight.

B I C Y C L I S T S



Protect yourself

According to national studies, 85% of brain injuries can be prevented by wearing a helmet.

Pima County and City of Tucson laws require all bicyclists under the age of 18 to wear a helmet.

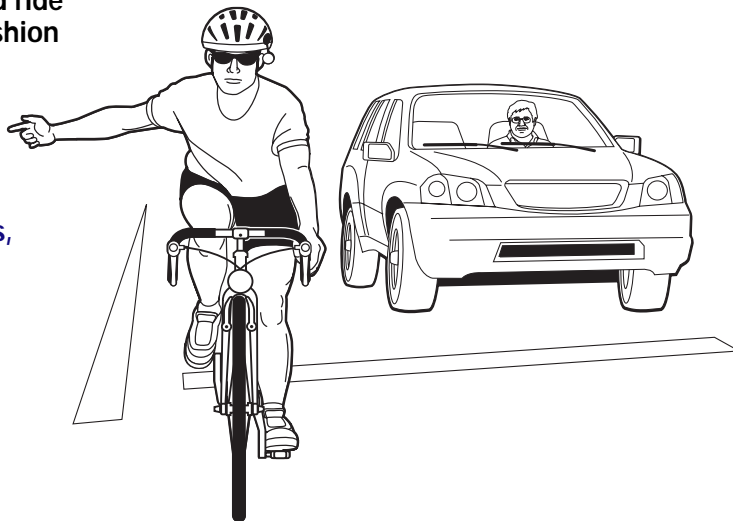
Helmet and bicycle mirrors improve your overall awareness and allow you to see following vehicles.

BICYCLISTS

Be polite and be smart

Use hand signals to show your intentions and ride in a predictable fashion (A.R.S. 28-756).

Obey all traffic laws, signs and signals.



B I C Y C L I S T S

Legal hand signals for bicyclists

Turning
right



or

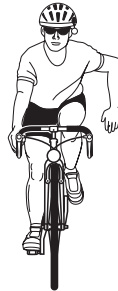
Both are
acceptable for
right turns



Turning
left

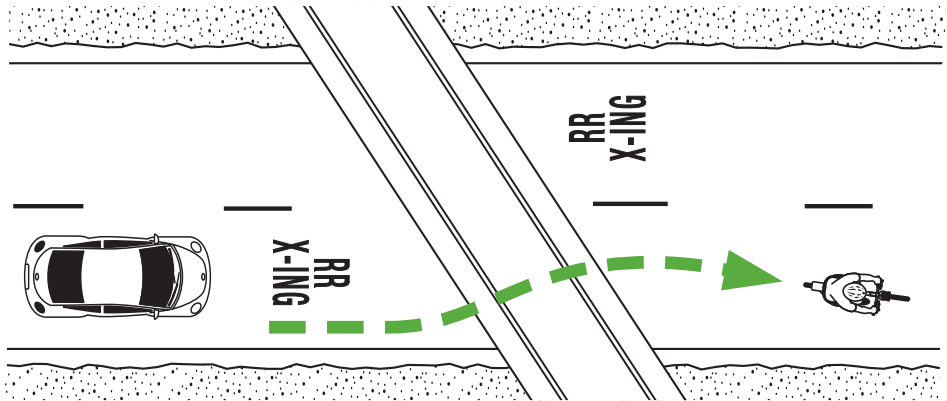


Slowing
down



B I C Y C L I S T S

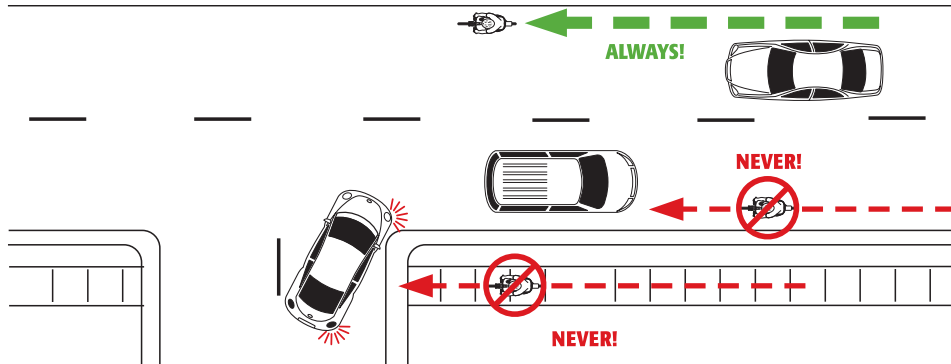
Cross tracks carefully



Watch ahead for hazardous railroad tracks. Look behind you to make sure it's safe, signal your intentions, then cross tracks as close to a right angle as possible (A.R.S. 28-815).

B I C Y C L I S T S

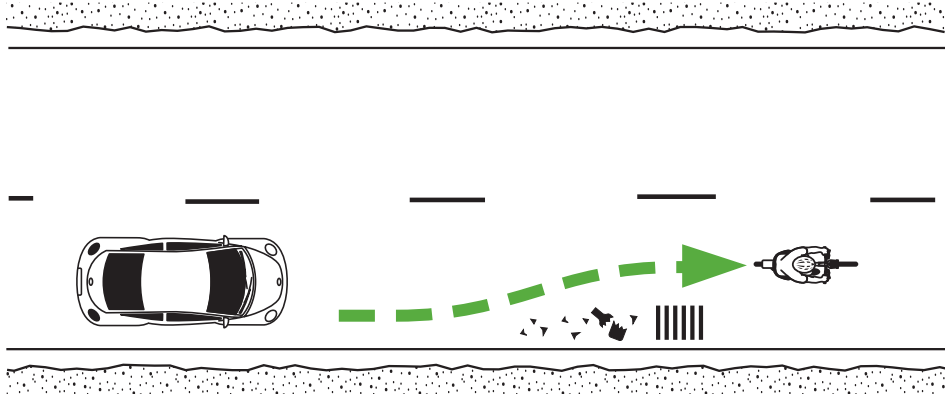
Be predictable



Ride on the right with the flow of traffic—**NEVER ride against traffic on the road, in a bike lane, or on a sidewalk.** Drivers turning from the side cannot see you and approaching drivers will not expect you to be riding the wrong way (A.R.S. 28-815).

B I C Y C L I S T S

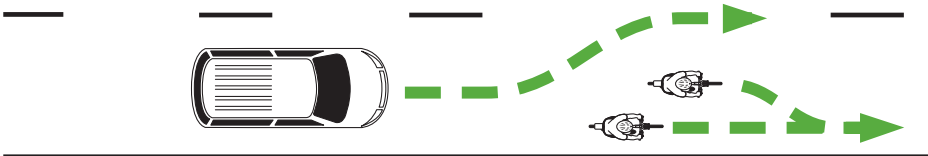
Plan ahead and watch for hazards



Watch out for grates, oily pavement, loose gravel, cattle guards and railroad tracks. Announce hazards for other following cyclists. Check behind to make sure it's safe, signal your intentions, then move to the left to avoid the hazard. (A.R.S. 28-815).

B I C Y C L I S T S

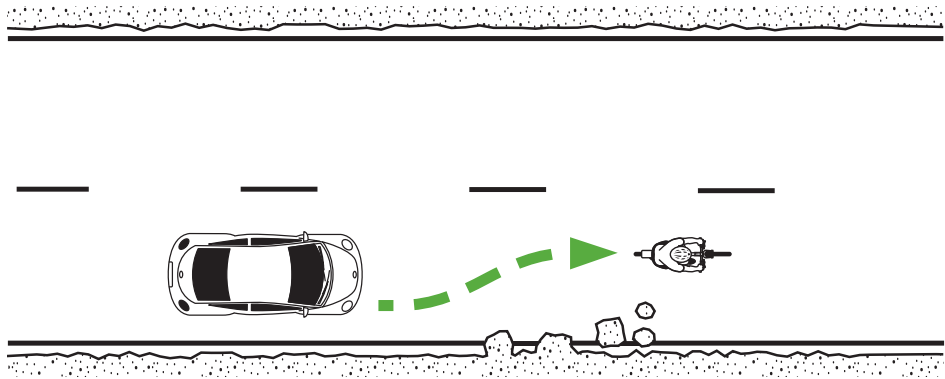
Be cautious when riding two abreast



While riding two abreast is legal, it may not always be best. When riding two abreast in accordance with the law (A.R.S. 28-815), remember that you cannot impede the normal and reasonable movement of traffic (A.R.S. 28-704).

B I C Y C L I S T S

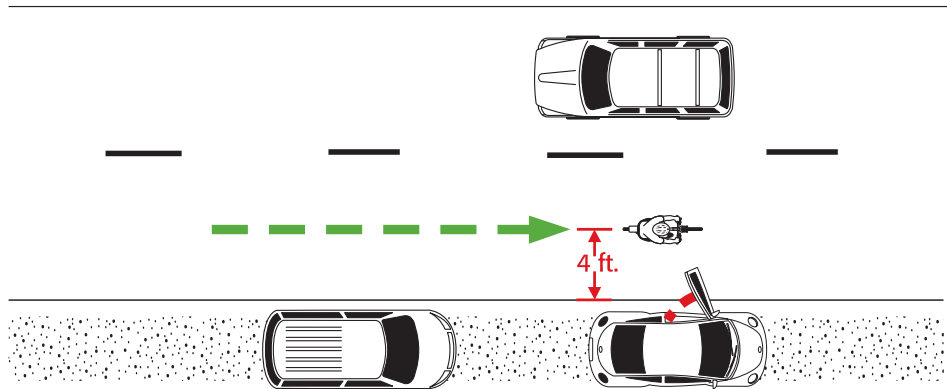
Take the lane when appropriate



Remember that you may “take the lane” if the lane is not wide enough for a car and bike (A.R.S. 28-815). Check behind to make sure it’s safe, signal your intentions, and take the lane by riding approximately 1/3 to 1/2 of the way into the lane. As soon as possible, move to the right to allow a following vehicle to pass.

B I C Y C L I S T S

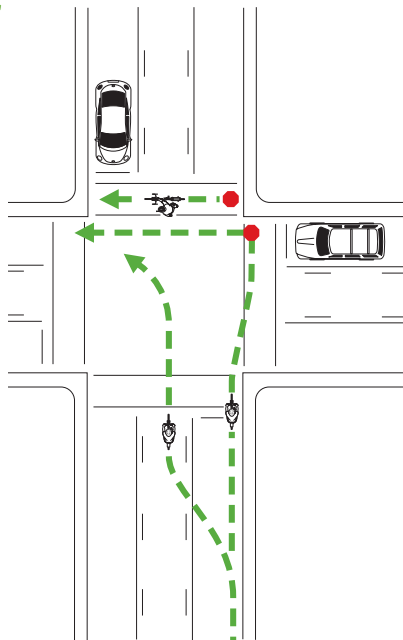
Be careful when riding by parked cars



Look for people in parked cars ahead of you and ride in a straight line at least 4 feet away from the car. Someone may open the car door in front of you unexpectedly. **Be predictable:** don't weave in and out between parked cars.

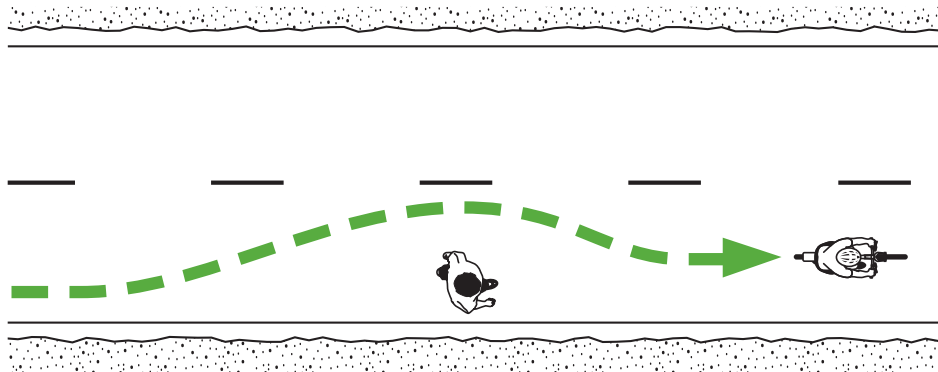
Three legal ways to turn left

- 1** You may make a left turn like a vehicle by looking over your shoulder, signaling, and moving into the left turn lane when it's safe. (A.R.S. 28-815)
- 2** You may make a left turn by going to the far side of the intersection, turning your bike, and using the roadway.
- 3** You may make a left turn by going to the far side of the intersection, turning your bike, and then using the crosswalk.



B I C Y C L I S T S

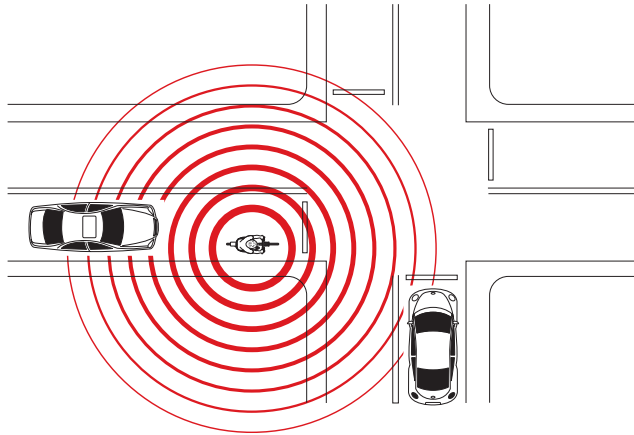
Respect pedestrians



On a shared pathway reduce speeds when approaching pedestrians, say "On your left!" or "Passing!" and allow a safe passing distance. Consider putting a bell on your bike. **Remember! The pedestrian you treat well on the pathway may be the driver who treats you well when you're cycling on the roadway.**

B I C Y C L I S T S

Be a defensive bike 'driver'



Be aware of your surroundings, and especially turning and side traffic. Make eye contact with drivers and be sure to get their attention.

Even with eye contact the person may not really see you or realize the speed you are going, so **be prepared!**



Pay attention

Headphones and cell phones cause distraction and reduce your ability to hear traffic, which could cost you your life.

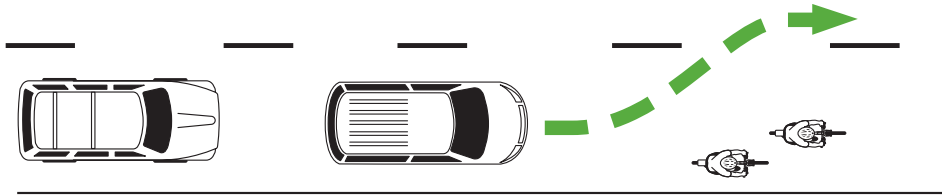
Don't use headphones or a cell phone when riding your bike.

TIPS FOR MOTORISTS



MOTORISTS

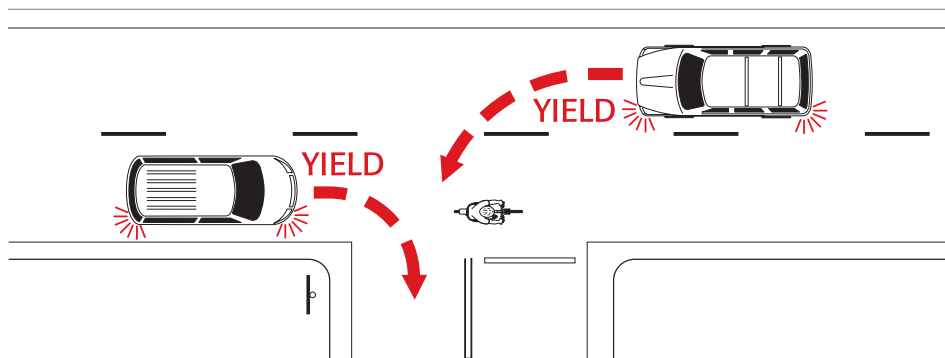
Be aware of bikes



Cyclists have the same legal right to use the road as motorists. Same roads, same rules, same rights and responsibilities. Cyclists can legally ride two abreast as long as they do not impede the normal and reasonable flow of traffic (A.R.S. 28-704). In certain circumstances, cyclists can use the entire travel lane (A.R.S. 28-815).

MOTORISTS

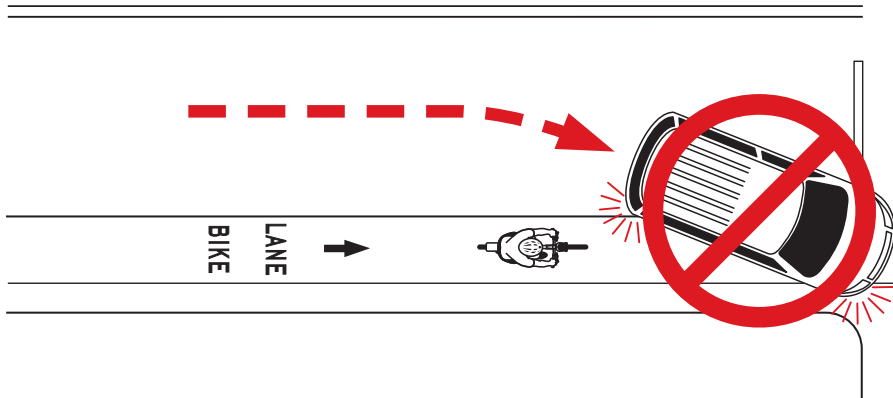
Be watchful at intersections



When changing lanes, turning left or right, or pulling out from a driveway, be aware of cyclists and yield to them just as you would with motorists. **Cyclists may be travelling faster than you expect. Be sure to yield to bicyclists before making your turn.**

MOTORISTS

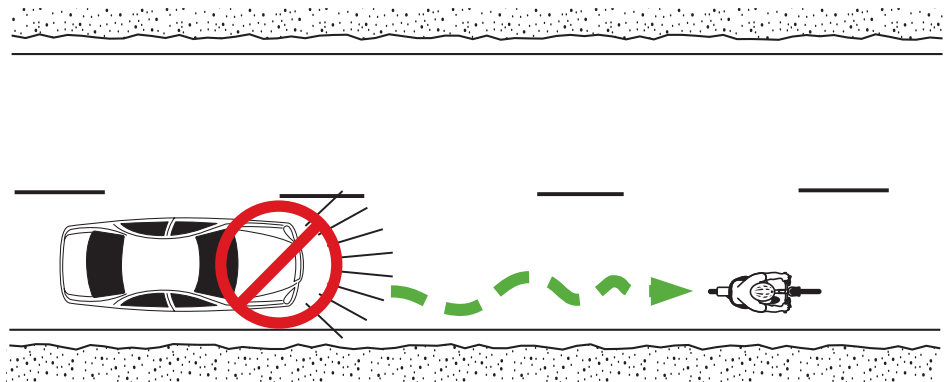
Bike lanes are for bikes



Do not drive or park on paved shoulders or in bike lanes. Do not use them as right-turn lanes (ARS 28-815). **Always signal your intentions and be careful not to turn in front of cyclists (A.R.S. 28-815).**

MOTORISTS

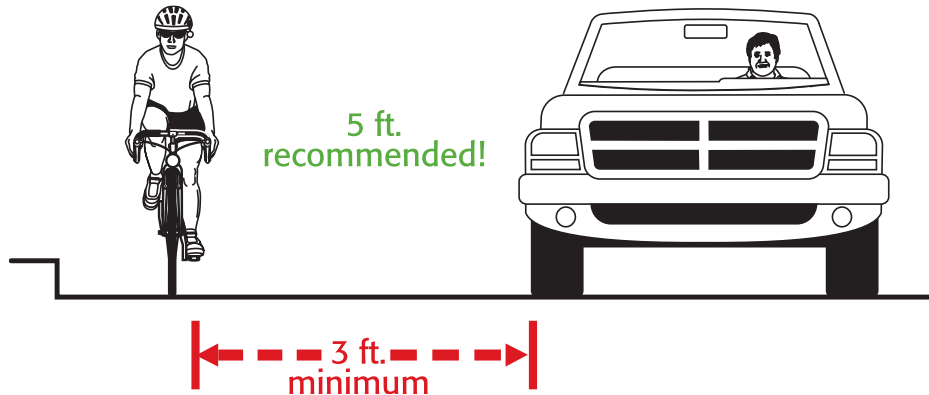
Horns don't help



Do not use your horn when following a cyclist. A sudden loud blast from a horn may startle the cyclist and cause him or her to swerve into traffic.

MOTORISTS

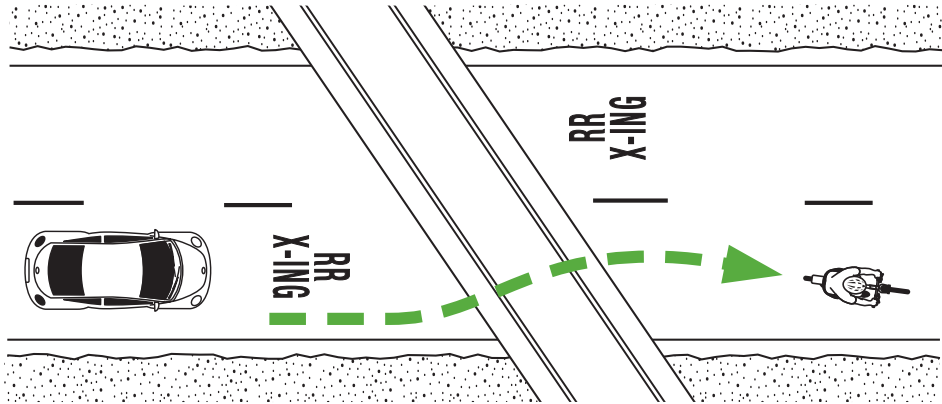
Safe passing is the law



The law requires that you give at least 3 feet of clearance when you pass (A.R.S. 28-735). Slow down and don't pass a cyclist until safe to do so. **When possible, please give 5 feet of clearance when you pass.**

MOTORISTS

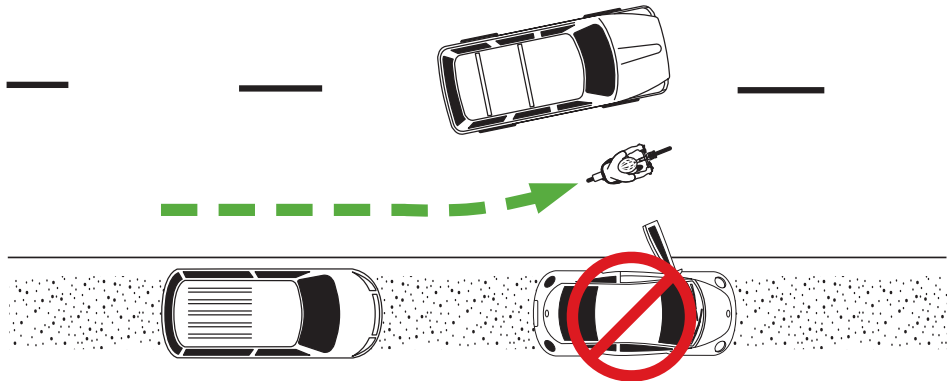
Give extra room near hazards



Slow down and pass cyclists carefully through construction zones, at railroad crossings and cattle guards, and in poor weather conditions (A.R.S. 28-735). Watch for cyclists moving to the left briefly in order to safely cross railroad tracks. (A.R.S. 28-815).

MOTORISTS

Look before opening your door



Opening your car door in a crowded area can be disastrous to a cyclist riding near parked cars. Drivers are legally required to make sure it's safe before opening a car door into the roadway.

M O T O R I S T S



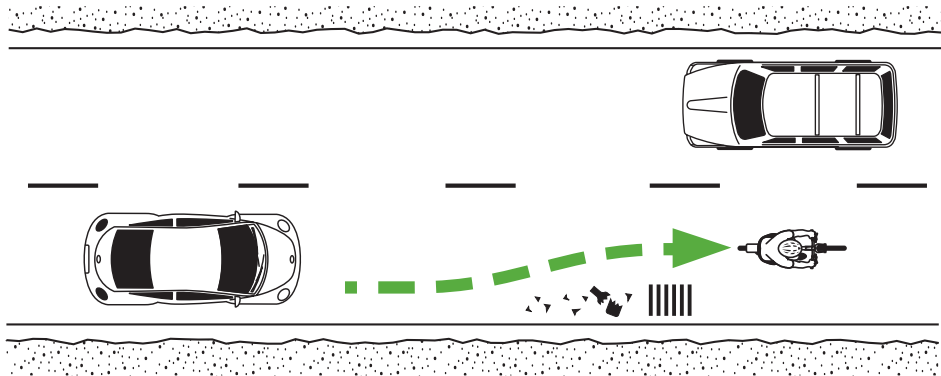
**Pay attention to
the road, not to
your phone**

According to national research, you are four times more likely to have an automobile crash if you use a cell phone while driving.

For everyone's safety, pull over to a safe location off the road to use your cell phone.

MOTORISTS

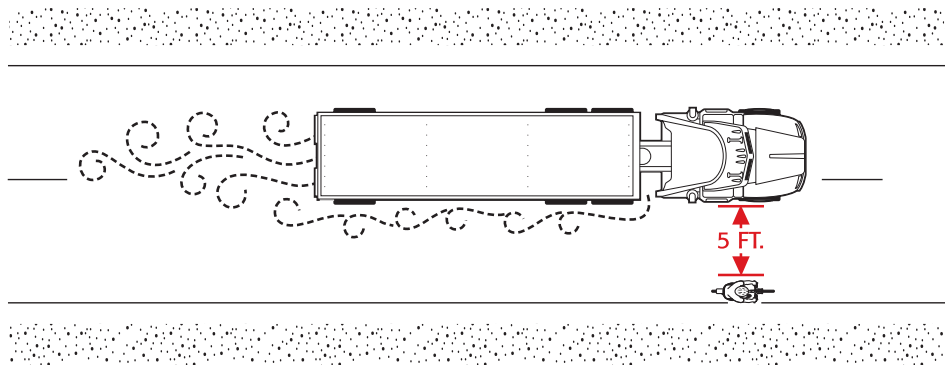
Give a cyclist room to maneuver



Assume there is a good reason for a cyclist's position in the road and give him adequate room to maneuver. Cyclists can move further into the travel lane due to hazards such as drainage grates, glass, potholes, gravel and trash, and to be more visible to drivers. (A.R.S. 28-815)

MOTORISTS

Give extra room when passing



If you are driving a large vehicle such as a truck, RV, or bus, the wind pushed out from the side can cause a cyclist to crash. **Slow down as much as possible and please give a full 5 feet of clearance.** Safe passing distance is the law (A.R.S. 28-723, A.R.S. 28-735).

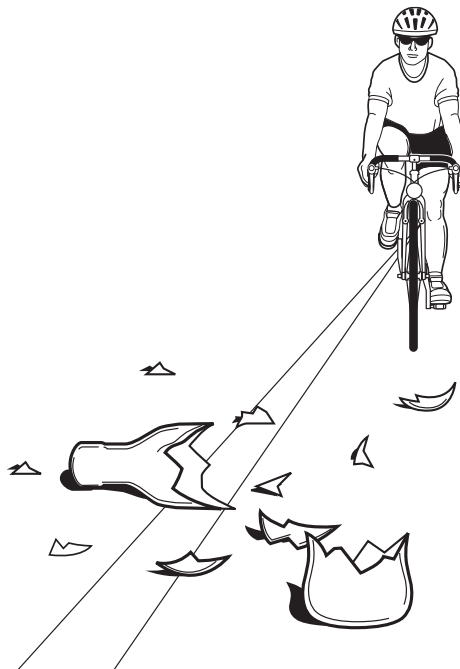
MOTORISTS

Help keep trash out of the bike lanes

Never litter, and always properly secure your loads.

Debris creates hazardous conditions and forces cyclists further into the travel lane.

Don't Litter! Debris in the bike lanes is dangerous!





ARIZONA BICYCLE LAWS

28-704. Minimum speed limits; requirement to turn off roadway

- A. A person shall not drive a motor vehicle at such a slow speed as to impede or block the normal and reasonable movement of traffic except when reduced speed is necessary for safe operation or in compliance with law.
- B. If the director or local authorities within their respective jurisdictions determine on the basis of an engineering and traffic investigation that slow speeds on any part of a highway consistently impede the normal and reasonable movement of traffic, the director or local authority may determine and declare a minimum speed limit below which a person shall not drive a vehicle except when necessary for safe operation or in compliance with law.
- C. If a person is driving a vehicle at a speed less than the normal flow of traffic at the particular time and place on a two-lane highway where passing is unsafe, and if five or more vehicles are formed in a line behind the vehicle, the person shall turn the vehicle off the roadway at the nearest place designated as a turnout by signs erected by the director or a local authority, or wherever sufficient area for a safe turnout exists, in order to permit the vehicles following to proceed.

28-723. Overtaking a vehicle on the left

The driver of a vehicle overtaking another vehicle proceeding in the same direction shall pass to the left of the vehicle at a safe distance and shall not again drive to the right side of the roadway until safely clear of the overtaken vehicle.



ARIZONA BICYCLE LAWS

28-735. Overtaking bicycles; civil penalties

- A. When overtaking and passing a bicycle proceeding in the same direction, a person driving a motor vehicle shall exercise due care by leaving a safe distance between the motor vehicle and the bicycle of not less than three feet until the motor vehicle is safely past the overtaken bicycle.
- B. If a person violates this section and the violation results in a collision causing:
 - 1. Serious physical injury as defined in section 13-105 to another person, the violator is subject to a civil penalty of up to five hundred dollars.
 - 2. Death to another person, the violator is subject to a civil penalty of up to one thousand dollars.
- C. Subsection B of this section does not apply to a bicyclist who is injured in a vehicular traffic lane when a designated bicycle lane or path is present and passable.



ARIZONA BICYCLE LAWS

28-756. Method of giving hand and arm signals

- A. Except as provided by subsection B, a person shall give all hand and arm signals required by this article from the left side of the vehicle in the following manner, and the signals shall indicate as follows:
 - 1. Left turn. Hand and arm extended horizontally.
 - 2. Right turn. Hand and arm extended upward.
 - 3. Stop or decrease speed. Hand and arm extended downward.
- B. A person operating a bicycle may give a right turn signal by extending the right hand and arm horizontally to the right side of the bicycle.



ARIZONA BICYCLE LAWS

28-811. Parent and guardian responsibility; applicability of article

- A. The parent of a child and the guardian of a ward shall not authorize or knowingly permit the child or ward to violate this chapter.
- B. Except as otherwise provided in this article, this chapter applies to a bicycle when it is operated on a highway or on a path set aside for the exclusive use of bicycles.

28-812. Applicability of traffic laws to bicycle riders

A person riding a bicycle on a roadway or on a shoulder adjoining a roadway is granted all of the rights and is subject to all of the duties applicable to the driver of a vehicle by this chapter and chapters 4 and 5 of this title, except special rules in this article and except provisions of this chapter and chapters 4 and 5 of this title that by their nature can have no application.

28-814. Clinging to vehicle

A person riding on a bicycle, coaster, sled or toy vehicle or on roller skates shall not attach the bicycle, coaster, sled, toy vehicle or roller skates or that person to a vehicle on a roadway.



ARIZONA BICYCLE LAWS

28-815. Riding on roadway and bicycle path; bicycle path usage

- A. A person riding a bicycle on a roadway at less than the normal speed of traffic at the time and place and under the conditions then existing shall ride as close as practicable to the right-hand curb or edge of the roadway, except under any of the following situations:
 - 1. If overtaking and passing another bicycle or vehicle proceeding in the same direction.
 - 2. If preparing for a left turn at an intersection or into a private road or driveway.
 - 3. If reasonably necessary to avoid conditions, including fixed or moving objects, parked or moving vehicles, bicycles, pedestrians, animals or surface hazards.
 - 4. If the lane in which the person is operating the bicycle is too narrow for a bicycle and a vehicle to travel safely side by side within the lane.
- B. Persons riding bicycles on a roadway shall not ride more than two abreast except on paths or parts of roadways set aside for the exclusive use of bicycles.
- C. A path or lane that is designated as a bicycle path or lane by state or local authorities is for the exclusive use of bicycles even though other uses are permitted pursuant to subsection D or are otherwise permitted by state or local authorities.
- D. A person shall not operate, stop, park or leave standing a vehicle in a path or lane designated as a bicycle path or lane by a state or local authority except in the case of emergency or for crossing the path or lane to gain access to a public or private road or driveway.
- E. Subsection D does not prohibit the use of the path or lane by the appropriate local authority.



ARIZONA BICYCLE LAWS

28-817. Bicycle equipment

- A. A bicycle that is used at nighttime shall have a lamp on the front that emits a white light visible from a distance of at least five hundred feet to the front and a red reflector on the rear of a type that is approved by the department and that is visible from all distances from fifty feet to three hundred feet to the rear when the reflector is directly in front of lawful upper beams of head lamps on a motor vehicle. A bicycle may have a lamp that emits a red light visible from a distance of five hundred feet to the rear in addition to the red reflector.
- B. A person shall not operate a bicycle that is equipped with a siren or whistle.
- C. A path or lane that is designated as a bicycle path or lane by state or local authorities is for the exclusive use of bicycles even though other uses are permitted pursuant to subsection D or are otherwise permitted by state or local authorities.
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ARIZONA BICYCLE LAWS

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- B. A person shall not operate a bicycle that is equipped with a siren or whistle.
- C. A bicycle shall be equipped with a brake that enables the operator to make the braked wheels skid on dry, level, clean pavement.



PIMA COUNTY BICYCLE LAWS

10.43.010 Requirement for helmet use.

No person under eighteen years of age shall ride a bicycle or be a passenger on a bicycle, ride in a restraining seat attached to a bicycle, or ride in a trailer towed by a bicycle unless that person is wearing a properly fitted and fastened bicycle helmet which meets the current standards of the American National Standards Institute for protective headgear. (Ord. 1995-12 § 1 (part), 1995)

10.43.030 Civil penalties.

Any person in violation of this chapter shall be found guilty of a civil infraction and be required to pay a minimum fine of fifty dollars that cannot be suspended except pursuant to Section 10.43.040. (Ord. 1995-12 § 1 (part), 1995)

10.43.040 Waiver of fine.

The penalty provided in this section for a violation of Section 10.43.010 may be waived if an offender presents purchased or otherwise obtained since the time of the violation and that the minor uses or intends to use said helmet whenever required to do so by this chapter. (Ord. 1995-12 § 1 (part), 1995)



TUCSON BICYCLE LAWS

SEC. 5-1. Parking of bicycles.

It shall be unlawful to park a bicycle upon any public sidewalk or street in a manner that substantially impedes pedestrian or vehicular traffic or obstructs access to public or private facilities.

SEC. 5-2. Riding on sidewalks and pedestrian paths, and through underpasses.

- A. It shall be unlawful to ride a bicycle on any public sidewalks, or upon a designated pedestrian path in any public park, unless signs are posted specifically permitting bicycling.
- B. It shall be unlawful to ride a bicycle through any underpass when signs are posted prohibiting bicycling.

SEC. 5-3. Enforcement.

Any violation of a provision of this chapter shall be a civil infraction, unless otherwise specified, subject to the provisions of Chapter 28 of this Code. Violations of this Chapter shall be deemed as civil infractions subject to a sanction of twenty-five-dollars (\$25.00).

SEC. 20-29. (1). Bicycle helmets.

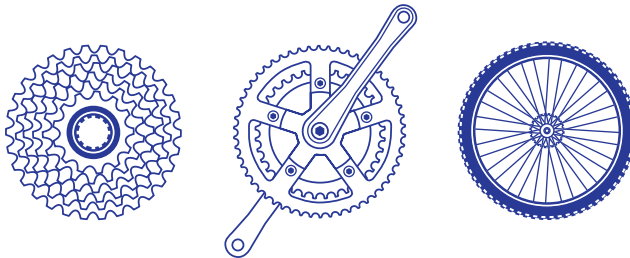
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The preceding section is a listing of relevant Arizona State, Pima County and City of Tucson laws as of March, 2003.

Additional civil and criminal traffic laws may apply to bicyclists, motorists and pedestrians throughout Arizona.

This presentation does not constitute a legal standard. Refer to Arizona Revised Statutes and to local traffic ordinances.



Remember...



**Whenever you see a cyclist,
that's one less car on the road!**

For more information contact:

Pima County Bicycle and Pedestrian Program, 740-6746

City of Tucson Bicycling Coordinator, 791-4372

Pima Association of Governments

Regional Bicycle Coordinator, 792-1093

Report polluting vehicles to the
Smoking Vehicle Hotline, 622-5700

Report roadway maintenance needs within Tucson to
City of Tucson Street Maintenance, 791-3154

Report road maintenance needs within Pima County to
Pima County Street Maintenance, 740-2601

Report roadway maintenance needs on State highways to
Arizona Dept. of Transportation, 628-5705

**To get involved with bicycle
transportation issues, contact:**



*Tucson-Pima County
Bicycle Advisory
Committee*

For more information, call 740-6746
or visit us on the web: www.dot.co.pima.az.us/tpcbac/

THE BRAD P. GORMAN

Memorial Bikeway

240-BRAD

Making bicycle headlights, taillights and bike safety bumper stickers available to the public. For more information or to make a donation, contact:

The Brad Fund
2609 E. Broadway Blvd.
Tucson, AZ 85716

*"Dedicated to bicycle and pedestrian safety
and raising awareness to respect each other,
because life is precious."*

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